

# 7

## SEQUENCE LISTING



<110> Whitcombe, David  
 Theaker, Jane  
 Gibson, Neil  
 Little, Stephen

<120> Methods and Primers for Detecting Target Nucleic Acid Sequences

<130> 1991-211

<140> US 09/974,870  
<141> 2001-10-12

<150> US 09/200,232  
<151> 1998-11-25

<150> UK 9812768.1  
<151> 1998-06-13

<160> 9

<170> PatentIn version 3.0

<210> 1  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> ()..()  
<223> B2098-BRCA Scorpion Primer

<220>  
<221> stem\_loop  
<222> (1)..(29)

<220>  
<221> misc\_feature  
<222> (30)..(30)  
<223> n = deoxyribouridine w/ fluorophore and replication blocker

<400> 1  
 cgcacatgt agcacatcag aagcgtgcgn

30

<210> 2  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>

```
<221> misc_feature
<222> ()..()
<223> R186-98, untailed equivalent of B2098 primer

<400> 2
ttggagattt tgtcacttcc actctcaaa 29

<210> 3
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> Z3702, probe segment of B2098 primer

<220>
<221> stem_loop
<222> (1)..(29)

<220>
<221> misc_feature
<222> (1)..(1)
<223> fluorescein dye

<220>
<221> misc_feature
<222> (30)..(30)
<223> n = deoxyribouridine w/ fluorophore and replication blocker

<400> 3
cgcacatgt agcacatcag aagcgtgcgn 30

<210> 4
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> B2731 Scorpion primer

<220>
<221> misc_feature
<222> (1)..()
<223> fluorescein dye
```

<220>  
<221> misc\_feature  
<222> (18)..(18)  
<223> n = deoxyuridine w/ fluorophore and replication blocker

<400> 4  
aggtagtgc a gagagtgn 18

<210> 5  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> ()..()  
<223> B2731 Scorpion primer

<400> 5  
gaggcctcaac atcctgctcc cctcctacta c 31

<210> 6  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> ()..()  
<223> B4249 Scorpion primer

<220>  
<221> misc\_feature  
<222> (1)..(1)  
<223> fluorescein dye

<220>  
<221> misc\_feature  
<222> (17)..(17)  
<223> attached replication blocking hexethylene glycol monomer

<400> 6  
aggtagtgc a gagagtg 17

<210> 7

<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> ()..()  
<223> Quencher oligonucleotide

<220>  
<221> misc\_feature  
<222> (19)..(19)  
<223> n = deoxyribouridine with attached non-fluorogenic fluorophore

<400> 7  
cactctcctg cactacctn 19

<210> 8  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> ()..()  
<223> ARMS primer R284-97

<400> 8  
ttcggggctc cacacggcga ctctcaac 28

<210> 9  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> ()..()  
<223> ARMS primer R283-97

<400> 9  
ttcggggctc cacacggcga ctctcaag 28